

ABSTRACT OF THE DISCLOSURE

Composite material platforms or pallets are provided for supporting items and carrying loads. One composite material platform has a composite material bottom deck made of a composite material. The bottom deck composite material has a core having a resin matrix and microspheres, and at least one fiber flanking layer integral with at least one side of the core. A spacer arrangement is provided on top of the composite material bottom deck. A composite material top deck is provided on top of the spacer arrangement. The top deck composite material has a core having a resin matrix and microspheres, and at least one fiber flanking layer integral with at least one side of the core. The spacer arrangement can also be made of the composite material.